

Title (en)
POWER SUPPLY MODULE

Title (de)
STROMVERSORGUNGSMODUL

Title (fr)
MODULE D'ALIMENTATION ÉLECTRIQUE

Publication
EP 4184732 A1 20230524 (EN)

Application
EP 21209632 A 20211122

Priority
EP 21209632 A 20211122

Abstract (en)
A power supply module (1) for rear-side power supply of a power distribution busbar system comprising a number, N, of busbars (16) for distribution of electrical power for busbar components (39) connectable to said busbars (16), said rear side power supply module (1) comprising at least one clamping block (3; 6) having a number, N, of clamping contacts (4; 7) adapted to clamp electrical conductors (5; 8) to said clamping block (3; 6) and comprising a number, N, of electrically conductive and touch protected intermediate bars (9) provided between the at least one clamping block (3; 6) and a number, N, of touch-protected electrical contacts (11) provided at a front side of said power supply module (1) and adapted to establish an electrical connection between the busbars (16) of said power distribution busbar system and the intermediate bars (9) of said power supply module (1).

IPC 8 full level
H02B 1/20 (2006.01); **H02B 1/32** (2006.01)

CPC (source: EP)
H02B 1/20 (2013.01); **H02B 1/32** (2013.01)

Citation (search report)
• [X] US 5144530 A 19920901 - COHEN JACQUES [FR], et al
• [I] EP 1351336 A1 20031008 - ABB SCHWEIZ AG [CH]
• [I] GB 2344001 A 20000524 - ELECTRAK INT LTD [GB]
• [I] EP 0047915 A1 19820324 - BBC BROWN BOVERI & CIE [DE]

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CN117293663A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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DOCDB simple family (application)
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